

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/517,220A
Source: PCR
Date Processed by STIC: 1/26/06

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PCT

RAW SEQUENCE LISTING

DATE: 01/26/2006

PATENT APPLICATION: US/10/517,220A

TIME: 08:58:40

Input Set : F:\24615-20244.00 - corrected seq list.txt

Output Set: N:\CRF4\01262006\J517220A.raw

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3 <110> APPLICANT: Edens, Luppo
4     Lopez, Michel
6 <120> TITLE OF INVENTION: Improved method for the prevention or reduction of haze in
7     beverages
9 <130> FILE REFERENCE: 246152024400
11 <140> CURRENT APPLICATION NUMBER: US 10/517,220A
C--> 12 <141> CURRENT FILING DATE: 2004-12-07
14 <150> PRIOR APPLICATION NUMBER: PCT/NL03/00352
15 <151> PRIOR FILING DATE: 2003-05-14
17 <150> PRIOR APPLICATION NUMBER: NL 02100681.2
18 <151> PRIOR FILING DATE: 2002-06-07
20 <160> NUMBER OF SEQ ID NOS: 7
22 <170> SOFTWARE: PatentIn Ver. 2.1
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25 <211> LENGTH: 1581
26 <212> TYPE: DNA
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194 gaagggtcgc ttactttgct accttgatac gaaagcagcc acgccaaca cttatagggg 3180
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200 <210> SEQ ID NO: 3

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202 <212> TYPE: DNA

203 <213> ORGANISM: *Aspergillus niger*

205 <400> SEQUENCE: 3

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212 ggaacgtttt cccagcggtt ctggtggagt actgaatact ggggtggacc tgggtcaccg 240
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260 <210> SEQ ID NO: 4

261 <211> LENGTH: 526

262 <212> TYPE: PRT

263 <213> ORGANISM: *Aspergillus niger*

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271 35 40 45
272 Phe Glu Gln Leu Leu Asp His His Asn Pro Glu Lys Gly Thr Phe Ser
273 50 55 60
274 Gln Arg Tyr Trp Trp Ser Thr Glu Tyr Trp Gly Gly Pro Gly Ser Pro
275 65 70 75 80
276 Val Val Leu Phe Asn Pro Gly Glu Val Ser Ala Asp Gly Tyr Glu Gly
277 85 90 95
278 Tyr Leu Thr Asn Asp Thr Leu Thr Gly Val Tyr Ala Gln Glu Ile Gln
279 100 105 110
280 Gly Ala Val Ile Leu Ile Glu His Arg Tyr Trp Gly Asp Ser Ser Pro
281 115 120 125
282 Tyr Glu Val Leu Asn Ala Glu Thr Leu Gln Tyr Leu Thr Leu Asp Gln
283 130 135 140
284 Ser Ile Leu Asp Met Thr Tyr Phe Ala Glu Thr Val Lys Leu Gln Phe
285 145 150 155 160
286 Asp Asn Ser Ser Arg Ser Asn Ala Gln Asn Ala Pro Trp Val Met Val
287 165 170 175
288 Gly Gly Ser Tyr Ser Gly Ala Leu Thr Ala Trp Thr Glu Ser Ile Ala
289 180 185 190
290 Pro Gly Thr Phe Trp Ala Tyr His Ala Thr Ser Ala Pro Val Glu Ala
291 195 200 205
292 Ile Tyr Asp Phe Trp Gln Tyr Phe Tyr Pro Ile Gln Gln Gly Met Ala
293 210 215 220
294 Gln Asn Cys Ser Lys Asp Val Ser Leu Val Ala Glu Tyr Val Asp Lys
295 225 230 235 240
296 Ile Gly Lys Asn Gly Thr Ala Lys Glu Gln Gln Glu Leu Lys Glu Leu
297 245 250 255
298 Phe Gly Leu Gly Ala Val Glu His Tyr Asp Asp Phe Ala Ala Val Leu
299 260 265 270
300 Pro Asn Gly Pro Tyr Leu Trp Gln Asp Asn Asp Phe Val Thr Gly Tyr
301 275 280 285
302 Ser Ser Phe Phe Gln Phe Cys Asp Ala Val Glu Gly Val Glu Ala Gly
303 290 295 300
304 Ala Ala Val Thr Pro Gly Pro Glu Gly Val Gly Leu Glu Lys Ala Leu
305 305 310 315 320
306 Ala Asn Tyr Ala Asn Trp Phe Asn Ser Thr Ile Leu Pro Asn Tyr Cys
307 325 330 335
308 Ala Ser Tyr Gly Tyr Trp Thr Asp Glu Trp Ser Val Ala Cys Phe Asp
309 340 345 350
310 Ser Tyr Asn Ala Ser Ser Pro Ile Phe Thr Asp Thr Ser Val Gly Asn
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319          420          425          430
320 Thr Val Asn Ser Trp Thr Gly Gly Trp Asp Met Thr Arg Asn Thr Thr
321          435          440          445
322 Arg Leu Ile Trp Thr Asn Gly Gln Tyr Asp Pro Trp Arg Asp Ser Gly
323          450          455          460
324 Val Ser Ser Thr Phe Arg Pro Gly Gly Pro Leu Val Ser Thr Ala Asn
325 465          470          475          480
326 Glu Pro Val Gln Ile Ile Pro Gly Gly Phe His Cys Ser Asp Leu Tyr
327          485          490          495
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344          35          40          45
345 Phe Glu Gln Leu Leu Asp His His Asn Pro Glu Lys Gly Thr Phe Ser
346          50          55          60
347 Gln Arg Tyr Trp Trp Ser Thr Glu Tyr Trp Gly Gly Pro Gly Ser Pro
348 65          70          75          80
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350          85          90          95
351 Tyr Leu Thr Asn Gly Thr Leu Thr Gly Val Tyr Ala Gln Glu Ile Gln
352          100          105          110
353 Gly Ala Val Ile Leu Ile Glu His Arg Tyr Trp Gly Asp Ser Ser Pro
354          115          120          125
355 Tyr Glu Val Leu Asn Ala Glu Thr Leu Gln Tyr Leu Thr Leu Asp Gln
356          130          135          140
357 Ala Ile Leu Asp Met Thr Tyr Phe Ala Glu Thr Val Lys Leu Gln Phe
358 145          150          155          160
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date